| Applicant(s): Ortabasi                                                                                           |                 |
|------------------------------------------------------------------------------------------------------------------|-----------------|
| Serial No.: 10/722,738                                                                                           | Group Art Unit: |
| Filed: 11/25/2003                                                                                                | Examiner:       |
| Title: Integrating Sphere Photovoltaic<br>Receiver (Powersphere) for Laser<br>Light to Electric Power Conversion |                 |
| Attorney Docket No : 2K042A                                                                                      |                 |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

## Dear Sir:

This Information Disclosure Statement is submitted:

| X | under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)                       |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | under 37 CFR 1.97(c) together with either a:  Statement under 37 CFR 1.97(e), or  a \$180.00 fee under 37 CFR 1.17(p), or  (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first) |
| — | under 37 CFR 1.97(d) together with a:  Statement under 37 CFR 1.97(e), and a \$180.00 fee set forth in 37 CFR 1.17(p).  (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee) |

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this paper or fee is being deposited with the United States Postal Service "First Class Mail" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: January 22, 2004

Typed Name: L.D. Raphael

Signature: MRaskael

David W. Collins

Attorney/Agent for Applicant(s)

I W. Cllin

Reg. No. 26857

Date: January 22, 2004

Telephone No.: (520) 399-3203

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| Complete if Known      |            |  |  |  |
|------------------------|------------|--|--|--|
| Application Number     | 10/151,640 |  |  |  |
| Filing Date            | 11/25/2003 |  |  |  |
| First Named Inventor   | Ortabasi   |  |  |  |
| Art Unit               |            |  |  |  |
| Examiner Name          |            |  |  |  |
| Attorney Docket Number | 2K042A     |  |  |  |

|                    | U.S. PATENT DOCUMENTS                            |                                                             |                                |                                                    |                                                                                 |  |  |  |
|--------------------|--------------------------------------------------|-------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--|--|--|
| Examiner Initials* | Cite<br>No.1                                     | Document Number  Number - Kind Code <sup>2 (if known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |  |  |
|                    | <del>                                     </del> | US-4,313,024                                                | 01-1982                        | Horne                                              |                                                                                 |  |  |  |
|                    | -                                                | US-5,409,550                                                | 04-1995                        | Safir                                              |                                                                                 |  |  |  |
|                    | 1                                                | US-5,560,700                                                | 10-1996                        | Levens                                             |                                                                                 |  |  |  |
|                    |                                                  | US-5,902,417                                                | 05-1999                        | Lillington, et al.                                 |                                                                                 |  |  |  |
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|                    | -                                                | US-6,515,217-B1                                             | 02-2003                        | Aylaian                                            |                                                                                 |  |  |  |
| <del></del>        |                                                  | US-6,057,505                                                | 05-2000                        | Ortabasi                                           |                                                                                 |  |  |  |
|                    |                                                  | US-5,763,519                                                | 06-1998                        | Springsteen                                        |                                                                                 |  |  |  |
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|                    | _                                                | US-                                                         |                                |                                                    |                                                                                 |  |  |  |
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|                       | FOREIGN PATENT DOCUMENTS |                                                                                                                       |                                |                                                    |                                                                                 |                |  |  |
|-----------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|--|--|
| Examiner<br>Initials* | Cite<br>No.              | Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> ) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |  |  |
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|                               |                                | Application Number | 10/151,640 |                        |            |  |
| INIE                          | DMATION DISC                   |                    | IIDE       | Filing Date            | 11/25/2003 |  |
| INFORMATION DISCLOSURE        |                                |                    |            | First Named Inventor   | Ortabasi   |  |
| STATEMENT BY APPLICANT        |                                | Art Unit           |            |                        |            |  |
|                               | (use as many sheets as ned     | cessary)           |            | Examiner Name          |            |  |
| Sheet                         | 2                              | of                 | 2          | Attorney Docket Number | 2K042A     |  |

|                       |              | NON PATENT LITERATURE DOCUMENTS                                                                                                                                                                                                                                 |                |
|-----------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials* | Cite,<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| -                     |              | LILLINGTON, DAVID R.; COTAL, HECTOR L.; AND ERMER, JAMES H., "The Promise and Challenges of Using Multijunction Solar Cells in PV Conventrator Systems"NCPV Program Review Meeting 2000, Denver CO, April 16-19, 2000.                                          |                |
|                       |              | PRESS RELEASE-SPECTROLAB. "High-Efficiency Spectrolab Solar Cell is Named Among the Year's Top 100 Technologies by R&D Magazine. Los Angeles CA, Wednesday, August 15, 2001.                                                                                    |                |
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| Examiner  | Date           | 1 |       |  |
| LAMITHIE  | Considered     |   |       |  |
| Signature | <br>Considered |   | <br>  |  |
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